

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000571

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/077023 A (BASLER KONRAD ; KRAMPS THOMAS (CH); UNIV ZUERICH (CH)) 3 October 2002 (2002-10-03) Rem: hdoll=hpygo the whole document ----- THOMPSON BARRY ET AL: "A new nuclear component of the Wnt signalling pathway." NATURE CELL BIOLOGY. MAY 2002, vol. 4, no. 5, May 2002 (2002-05), pages 367-373, XP001182858 ISSN: 1465-7392 cited in the application abstract page 371, column 2, paragraph 8 - page 372, column 1, paragraph 1 ----- -/-	1-53
X		1-53

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
31 August 2004	14/09/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Favre, N

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KRAMPS THOMAS ET AL: "Wnt/wingless signaling requires BCL9/legless-mediated recruitment of pygopus to the nuclear beta-catenin-TCF complex." CELL. 5 APR 2002, vol. 109, no. 1, 5 April 2002 (2002-04-05), pages 47-60, XP002294390 ISSN: 0092-8674 page 58; column 1, paragraph 4 - column 2, paragraph 1	1-53
A	BELENKAYA TATYANA Y ET AL: "pygopus Encodes a nuclear protein essential for wingless/Wnt signaling." DEVELOPMENT (CAMBRIDGE, ENGLAND) SEP 2002, vol. 129, no. 17, September 2002 (2002-09), pages 4089-4101, XP002294391 ISSN: 0950-1991 the whole document	1-53
A	BIENZ M ET AL: "Linking colorectal cancer to Wnt signaling" CELL, CELL PRESS, CAMBRIDGE, MA, US, vol. 103, 13 October 2000 (2000-10-13), pages 311-320, XP002174510 ISSN: 0092-8674 the whole document	1-53
A	POLAKIS P: "Wnt signaling and cancer" GENES AND DEVELOPMENT, COLD SPRING HARBOR LABORATORY PRESS, NEW YORK, US, vol. 14, no. 15, 1 August 2000 (2000-08-01), pages 1837-1851, XP002240708 ISSN: 0890-9369 the whole document	1-53

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Information on patent family members

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 02077023	A 03-10-2002	CA WO EP	2441706 A1 02077023 A2 1370580 A2	03-10-2002 03-10-2002 17-12-2003